



IFW

CASE GY0111 (NP)

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Kathleen Bodine  
Type or print name

*Kathleen Bodine*  
Signature

May 26, 2004  
Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF

SKONEZNY ET AL.

APPLICATION NO: 10/787,284

FILED: FEBRUARY 26, 2004

FOR: PROCESS FOR PREPARING DIDEOXYINOSINE USING  
ADENOSINE DEAMINASE ENZYME

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INFORMATION DISCLOSURE STATEMENT

Sir:

This paper is being filed within three months of the filing date of the application. Therefore, no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-3880.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

Copies of these references are enclosed herewith.

One reference cited in the specification at page 13 cites the book, "Methods in Enzymology". The relevant pages of the reference, i.e. pages 282-305 and 309-317, are enclosed.



23914

PATENT TRADEMARK OFFICE

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Deanna Baxam', written over a horizontal line.

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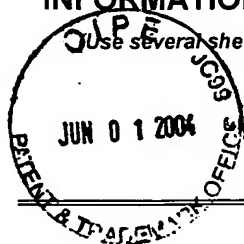
Date: May 26, 2004

FORM PTO-1449  
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

## INFORMATION DISCLOSURE CITATION

ATTY. DOCKET NO.  
GY0111 (NP)  
APPLICATION NO.  
10/787,284  
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FEBRUARY 26, 2004

Group



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	4,962,193	10/9/90	Yokozeki et al.			
	AB	4,970,148	11/13/90	Yokozeki et al.			
	AC	5,011,774	4/30/91	Farina et al.			
	AD	6,068,991	5/30/00	Liu et al.			
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AM	JP 5-219978	8/31/93	JP			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Adrian, G.S. et al., "Structure of Adenosine Deaminase mRNAs From Normal and Adenosine Deaminase-Deficient Human Cell Lines", Molecular and Cellular Biology, Vol. 4, No. 9, pp. 1712-1717 (1984)
	AS	Amann, E. et al., "Tightly regulated <i>tac</i> promoter vectors useful for the expression of unfused and fused proteins in <i>Escherichia coli</i> ", Gene, Vol. 69, pp. 301-315 (1988)
	AT	Beach, C.M. et al., "Strategy for Industrial Scale Production of Dideoxyinosine: Enzymatic Deamination of Dideoxyadenosine by Adenosine Deaminase", Nucleosides & Nucleotides, Vol. 10, No. 7, pp. 1499-1505 (1991)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

2AA	Brown, T. et al., Chapter 1: "Modern machine-aided methods of oligodeoxyribonucleotide synthesis", Oligonucleotides and Analogues: A Practical Approach, Oxford University Press, publ., Eckstein, F., ed., pp. 1-24 (1991)
2AB	Deutscher, Murray P., "Guide to Protein Purification. Section VI Purification Procedures: Bulk Methods", Methods in Enzymology, Vol. 182, 1990, pp. 282-305
2AC	Deutscher, Murray P., "Guide to Protein Purification. Section VII Purification Procedures: Chromatographic Methods", Methods in Enzymology, Vol. 182, 1990, pp. 309-317
2AD	Glover, D.M. et al., eds., DNA Cloning - Core Techniques: A Practical Approach, Vol. 1, Oxford University Press, publ., pp. ix-xiv (table of contents) (1995)
2AE	Glover, D.M. et al., eds., DNA Cloning - Expression Systems: A Practical Approach, Vol. 2, Oxford University Press, publ., pp. ix-xiii (table of contents) (1995)
2AF	Glover, D.M. et al., eds., DNA Cloning: A Practical Approach, Vol. 3, Oxford University Press, publ., pp. ix-xiii (table of contents) (1995)
2AG	Glover, D.M. et al., eds., DNA Cloning - Mammalian Systems: A Practical Approach, Vol. 4, Oxford University Press, publ., pp. ix-xv (table of contents) (1995)
2AH	Goeddel, D.V., ed., Methods in Enzymology: Gene Expression Technology, Vol. 185, Academic Press, Inc., publ., pp. v-ix (table of contents) (1990)
2AI	Gottesman, S., "Minimizing Proteolysis in Escherichia coli: Genetic Solutions", Methods in Enzymology: Gene Expression Technology, Vol. 185, Academic Press, Inc., publ., Goeddel, D.V., ed., pp. 119-129 (1990)
2AJ	Gubler, U. et al., "A simple and very efficient method for generating cDNA libraries", Gene, Vol. 25, pp. 263-269 (1983)
2AK	Hartman, N.R. et al., "Pharmacokinetics of 2',3'-dideoxyadenosine and 2',3'-dideoxyinosine in patients with severe human immunodeficiency virus infection", Clin. Pharmacol. Ther., Vol. 47, No. 5, pp. 647-654 (1990)
2AL	Laemmli, U.K., "Cleavage of Structural Proteins during the Assembly of the Head of Bacteriophage T4", Nature, Vol. 227, pp. 680-685 (1970)
2AM	Marumoto, R. et al., "One-Step Halogenation at the 2'-Position of Uridine, and Related Reactions of Cytidine and N4-Acetylcytidine", Chem. Pharm. Bull., Vol. 22, No. 1, pp. 128-134 (1974)
2AN	Sambrook, J. et al., Molecular Cloning: A Laboratory Manual, Third Edition, Vols. 1-3, Cold Spring Harbor Laboratory Press, publ., pp. v-xx (table of contents) (2001)

EXAMINER

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**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent pages, Etc.)

	3AA	Scopes, R.K., Protein Purification: Principles and Practice, Second Edition, Springer-Verlag New York Inc., publ., pp. xiii-xv (table of contents) (1987)
	3AB	Smith, D.B. et al., "Single-step purification of polypeptides expressed in Escherichia coli as fusions with glutathione S-transferase", Gene, Vol. 67, pp. 31-40 (1988)
	AC	Studier, F.W. et al., "Use of T7 RNA Polymerase to Direct Expression of Cloned Genes", Methods in Enzymology: Gene Expression Technology, Vol. 185, Academic Press, Inc., publ., Goeddel, D.V., ed., pp. 60-89 (1990)
	AD	Wada, K. et al., "Codon Usage Tabulated from the GenBank Genetic Sequence Data", Nucleic Acids Research, Vol 20, Supplement, pp. 2111-2118.
	AE	Webb, II, R.R. et al., "Synthesis of 2□,3□-dideoxyinosine", Nucleosides & Nucleotides, Vol. 7, No. 2, pp. 147-153 (1988)
	AF	
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	AN	

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